Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 18/08/2020

Lab ID : **CP-2020-09-19-62**

Project Name : "Construction of Indoor Stadium with all Amenities at Sahakaranagara in Ward No:08 Kodigehalli, Kodigehalli Sub Division".

Agency : Sri.Abbu Sambasiva Reddy, #1-B-3, Sree Arcade Layout, 4th Block, DB Sandra, Vidyaranyapura, Bangalore-560097.

Customer's Reference : EE(Project)/Ynk Zone/WO/114/2017-18

Date of Receipt : 23-07-20

Customer ID : Below SSM Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M25 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 18/08/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Below SSM Concrete	M25	21/07/2020	18/08/2020	151.24 X 150.77 X 149.64	22803	**8.442**	635.3	27.9	27.5
2	Below SSM Concrete	M25	21/07/2020	18/08/2020	151.93 X 151.31 X 150.80	22988	**8.207**	601.9	26.2	
3	Below SSM Concrete	M25	21/07/2020	18/08/2020	151.84 X 149.54 X 151.49	22707	**8.732**	645.6	28.4	

* The results obtained are satisfactory as per standard requirements.

CIVIL Pro Sig. Date. BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 04/08/2020

Lab ID : **CP-2020-09-19-62**

Project Name : "Construction of Indoor Stadium with all Amenities at Sahakaranagara in Ward No:08 Kodigehalli, Kodigehalli Sub Division".

Agency : Sri.Abbu Sambasiva Reddy, #1-B-3, Sree Arcade Layout, 4th Block, DB Sandra, Vidyaranyapura, Bangalore-560097.

Customer's Reference : EE(Project)/Ynk Zone/WO/114/2017-18

Date of Receipt : 30-07-20

Customer ID : GF Cut Lintel Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M25 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 04/08/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	GF Cut Lintel Concrete	M25	28/07/2020	04/08/2020	149.25 X 150.80 X 149.90	22507	**8.002**	523.6	23.3	22.7
2	GF Cut Lintel Concrete	M25	28/07/2020	04/08/2020	149.34 X 149.39 X 150.89	22309	**8.220**	496.3	22.2	
3	GF Cut Lintel Concrete	M25	28/07/2020	04/08/2020	150.83 X 150.78 X 150.05	22742	**8.909**	516.9	22.7	

* The results obtained are satisfactory as per standard requirements.

FOR CIVIL Pro.

CIVIL Pro Sig..... Date..... BANGALORE

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Authorized Signatory
Quality Manager

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 25/08/2020

Lab ID	:	**CP-2020-09-19-62**
Project Name	:	"Construction of Indoor Stadium with all Amenities at Sahakaranagara in Ward No:08 Kodigehalli, Kodigehalli Sub Division".
Agency	:	Sri.Abbu Sambasiva Reddy, #1-B-3, Sree Arcade Layout, 4th Block, DB Sandra, Vidyaranyapura, Bangalore-560097.
Customer's Reference	:	EE(Project)/Ynk Zone/WO/114/2017-18
Date of Receipt	:	30-07-20
Customer ID	:	GF Cut Lintel Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M25 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	25/08/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	GF Cut Lintel Concrete	M25	28/07/2020	25/08/2020	150.33 X 151.90 X 150.86	22835	**8.442**	617.2	27.0	27.2
2	GF Cut Lintel Concrete	M25	28/07/2020	25/08/2020	151.27 X 150.55 X 151.15	22774	**8.207**	600.3	26.4	
3	GF Cut Lintel Concrete	M25	28/07/2020	25/08/2020	151.33 X 151.02 X 149.63	22853	**8.732**	643.2	28.1	

* The results obtained are satisfactory as per standard requirements.

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2020-09-19-62** **Date: 28/08/2020**

Project Name : "Construction of Indoor Stadium with all Amenities at Sahakaranagara in Ward No:08 Kodigehalli, Kodigehalli Sub Division".

Agency : Sri.Abbu Sambasiva Reddy, #1-B-3, Sree Arcade Layout, 4th Block, DB Sandra, Vidyaranyapura, Bangalore-560097.

Customer's Reference : EE(Project)/Ynk Zone/WO/114/2017-18

Date of Receipt : 24-08-20

Customer ID : FF Cut Lintel Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M25 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 28/08/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	FF Cut Lintel Concrete	M25	21/08/2020	28/08/2020	150.29 X 150.38 X 151.75	22600	**8.002**	538.4	23.8	22.8
2	FF Cut Lintel Concrete	M25	21/08/2020	28/08/2020	150.31 X 150.73 X 151.13	22656	**8.220**	504.2	22.3	
3	FF Cut Lintel Concrete	M25	21/08/2020	28/08/2020	150.86 X 150.65 X 149.80	22727	**8.909**	506.5	22.3	

* The results obtained are satisfactory as per standard requirements.

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****End of Report****

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2020-09-19-62** **Date: 18/09/2020**

Project Name : "Construction of Indoor Stadium with all Amenities at Sahakaranagara in Ward No:08 Kodigehalli, Kodigehalli Sub Division".

Agency : Sri.Abbu Sambasiva Reddy, #1-B-3, Sree Arcade Layout, 4th Block, DB Sandra, Vidyaranyapura, Bangalore-560097.

Customer's Reference : EE(Project)/Ynk Zone/WO/114/2017-18

Date of Receipt : 24-08-20

Customer ID : FF Cut Lintel Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M25 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 18/09/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	FF Cut Lintel Concrete	M25	21/08/2020	18/09/2020	150.55 X 149.53 X 149.54	22511	**8.442**	629.6	28.0	27.6
2	FF Cut Lintel Concrete	M25	21/08/2020	18/09/2020	149.49 X 151.48 X 149.41	22645	**8.207**	597.7	26.4	
3	FF Cut Lintel Concrete	M25	21/08/2020	18/09/2020	150.39 X 151.35 X 151.97	22761	**8.732**	644.5	28.3	

The results obtained are satisfactory as per standard requirements.

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Format No: CP/TF/2017

TEST REPORT FOR SAND MASONRY MORTARS

Date: 29-08-20

Lab ID	:	**CP-2020-09-19-62**
Project Name	:	"Construction of Indoor Stadium with all Amenities at Sahakaranagara in Ward No:08 Kodigehalli, Kodigehalli Sub Division".
Agency	:	Sri.Abbu Sambasiva Reddy, #1-B-3, Sree Arcade Layout, 4th Block, DB Sandra, Vidyaranyapura, Bangalore-560097.
Customer's Reference	:	EE(Project)/Ynk Zone/WO/114/2017-18
Date of Receipt	:	26-08-20
Sample Type	:	Fine Aggregate, M.Sand for Mortar
Reference to BIS codes	:	IS 383 : 2016 (Specification for Coarse and fine Aggregates) IS: 2116-1980 (RA-2007) (Specification for Sand for Masonry Mortars) IS: 2386 :1963(Part - 1, 3) RA2012 IS 2386 Part 1: Particle Size and Shape IS 2386 Part 3: Specific gravity, Density, Voids,Water Absorption
Date of test	:	26-08-20
Total weight taken	:	1000 grams

Sl.no	Sieve Size	Weight Retained (gms)	Cumulative Weight Retained (gms)	% Cumulative Weight Retained	% Passing	Requirement as per IS: 2116-1980 (RA-2007)
1	4.75 mm	0	0	0	100	100
2	2.36 mm	85	85	8.5	91.5	90-100
3	1.18 mm	200	285	28.5	71.5	70-100
4	600 micron	146	431	43.1	56.9	40-100
5	300 micron	116.5	547.5	54.8	45.3	5-70
6	150 micron	412.5	960	96.0	4.0	0-15
7	Pan	40	1000	100.0	0.0	0

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TEST REPORT FOR SAND MASONRY MORTARS

Lab ID : **CP-2020-09-19-62** **Date: 29-08-20**

PHYSICAL PROPERTIES

Sl.no	Tests	Result	Requirements as per IS 383:2016
1	Water Absorption(%)	3.18	–
2	Specific Gravity	2.51	–
3	Material finer than 75 micron(%)	12.2	Crushed Fine aggregate Max 15%
4	*Compacted Bulk Density (Kg/litre)	1.90	–
5	*Loose Bulk Density (Kg/litre)	1.73	–

* The results obtained are satisfactory as per standard requirements.

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Format No: CP/TF/2017

TEST REPORT FOR PLASTER SAND

Lab ID : **CP-2020-09-19-62** **Date: 31-08-20**

Project Name : "Construction of Indoor Stadium with all Amenities at Sahakaranagara in Ward No:08 Kodigehalli, Kodigehalli Sub Division".

Agency : Sri.Abbu Sambasiva Reddy, #1-B-3, Sree Arcade Layout, 4th Block, DB Sandra, Vidyaranyapura, Bangalore-560097.

Customer's Reference : EE(Project)/Ynk Zone/WO/114/2017-18

Date of Receipt : 26-08-20

Sample Type : Plaster Sand

Reference to BIS codes : IS: 383 : 2016 (Specification for Coarse and fine Aggregates)
IS1542:1992 (Sand for Plaster - Specification)
IS: 2386 :1963(Part - 1, 3) RA2012
IS 2386 Part 1: Particle Size and Shape
IS 2386 Part 3: Specific gravity, Density, Voids,Water Absorption

Date of test : 26-08-20

Total weight taken : 1000 grams

Sl.no	Sieve Size	Weight Retained (gms)	Cumulative Weight Retained (gms)	% Cumulative Weight Retained	% Passing	Requirement as per IS: 2116-1980 (RA-2007)
1	10 mm	0	0	0	100	100
2	4.75 mm	35	35	3.5	96.5	95-100
3	2.36 mm	15	50	5	95	95-100
4	1.18 mm	50	100	10	90	90-100
5	600 micron	100	200	20	80	80-100
6	300 micron	215	415	41.5	58.5	20-65
7	150 micron	500	915	91.5	8.5	0-15
8	Pan	85	1000	100	0	---

CIVIL Pro Sig..... Date..... BANGALORE

TEST REPORT OF FINE AGGREGATE

Lab ID : **CP-2020-09-19-62** **Date: 31-08-20**

PHYSICAL PROPERTIES

Sl.no	Tests	Result	Requirements as per IS 383:2016
1	Water Absorption(%)	1.8	–
2	Specific Gravity	2.56	–
3	Material finer than 75 micron(%)	8.5	Uncrushed fine Aggregate Max 3%, Crushed Fine aggregate Max 15%, Mixed Fine aggregate Max 12%, Manufactured Fine aggregate Max 10%

* The results obtained are satisfactory as per standard requirements.

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